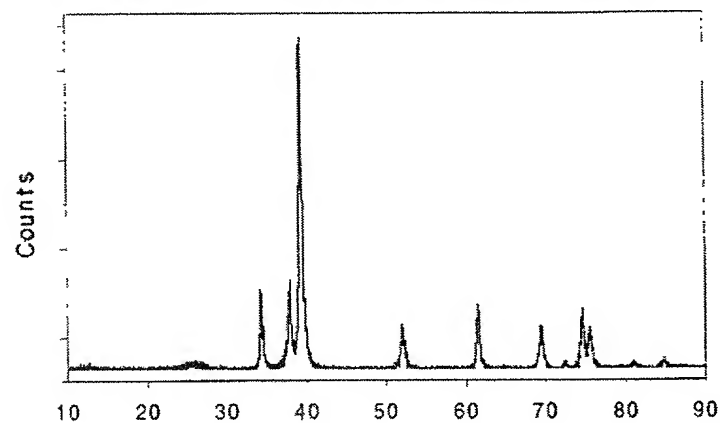
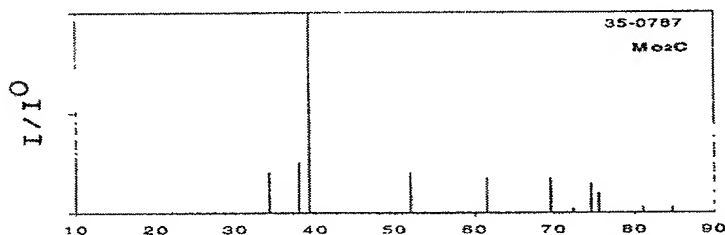


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FIG.1A XRD and SEM of CARBIDE NANORODS



XRD, Sample 12



Reference XRD Pattern,
hexagonal Mo₂C

SEM Micrographs. Sample 12

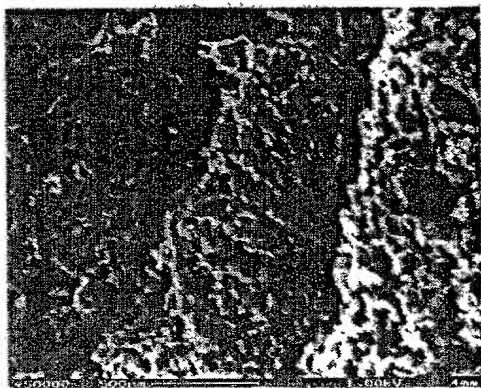


FIG.1B

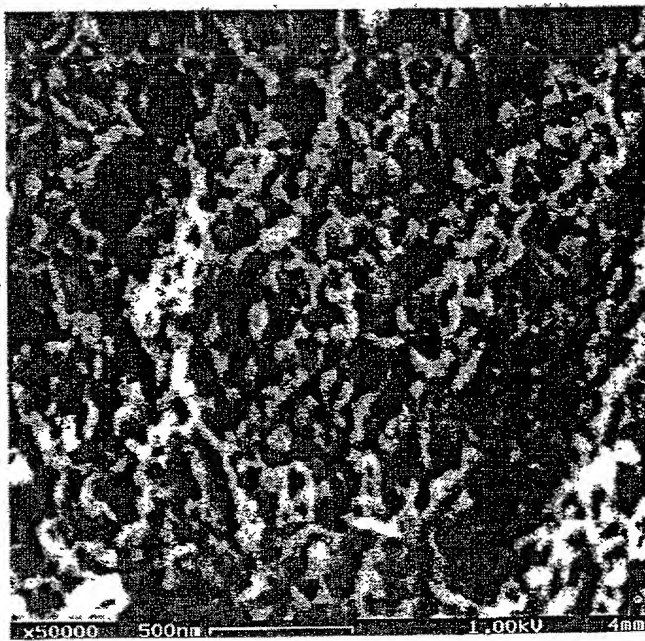
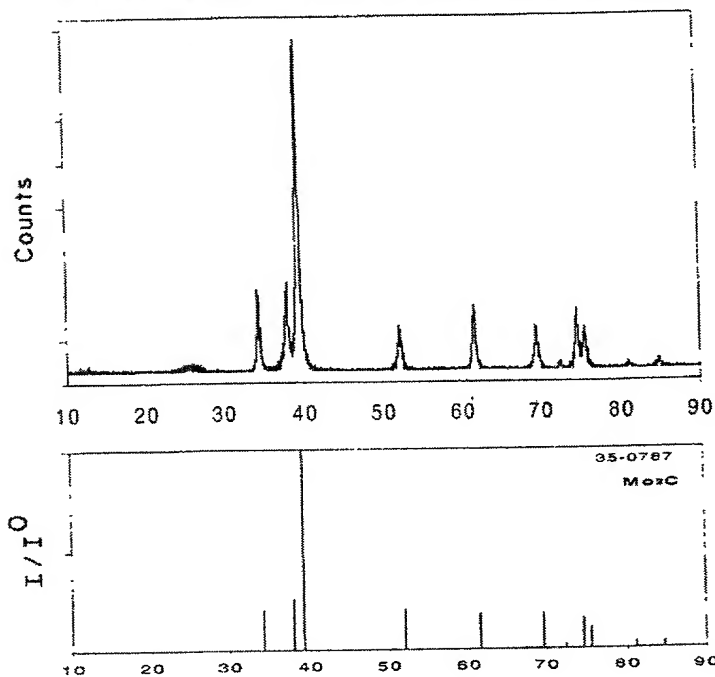


FIG.1C

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FIG.2A XRD and HRTEM of CARBIDE NANORODS



XRD. Sample 12

Reference XRD Pattern,
hexagonal Mo₂C



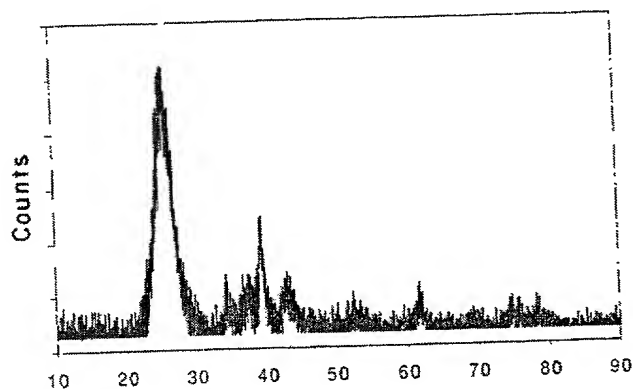
HRTEM Micrograph. Sample 12

FIG.2B

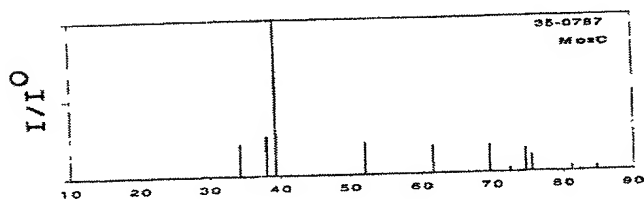
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FIG.3A XRD and HRTEM of CARBIDE NANOPARTICLES SUPPORTED ON CARBON NANOTUBES

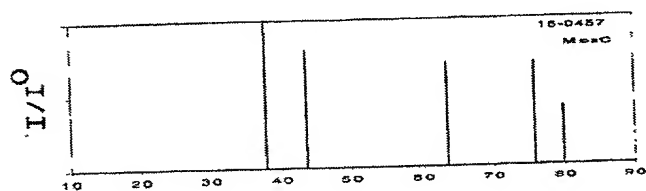
XRD. Sample 10



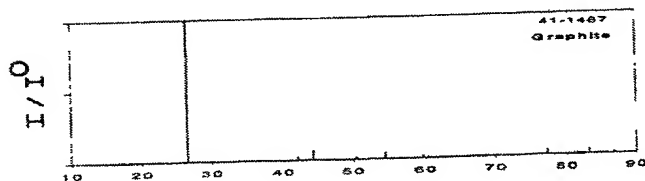
Reference XRD Pattern,
hexagonal Mo₂C



Reference XRD Pattern,
cubic Mo₂C



Reference XRD Pattern,
Graphite



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HRTEM Micrograph. Sample 10



FIG. 3B

TOP SECRET 985000F

Calcination of C:Mo Precursors

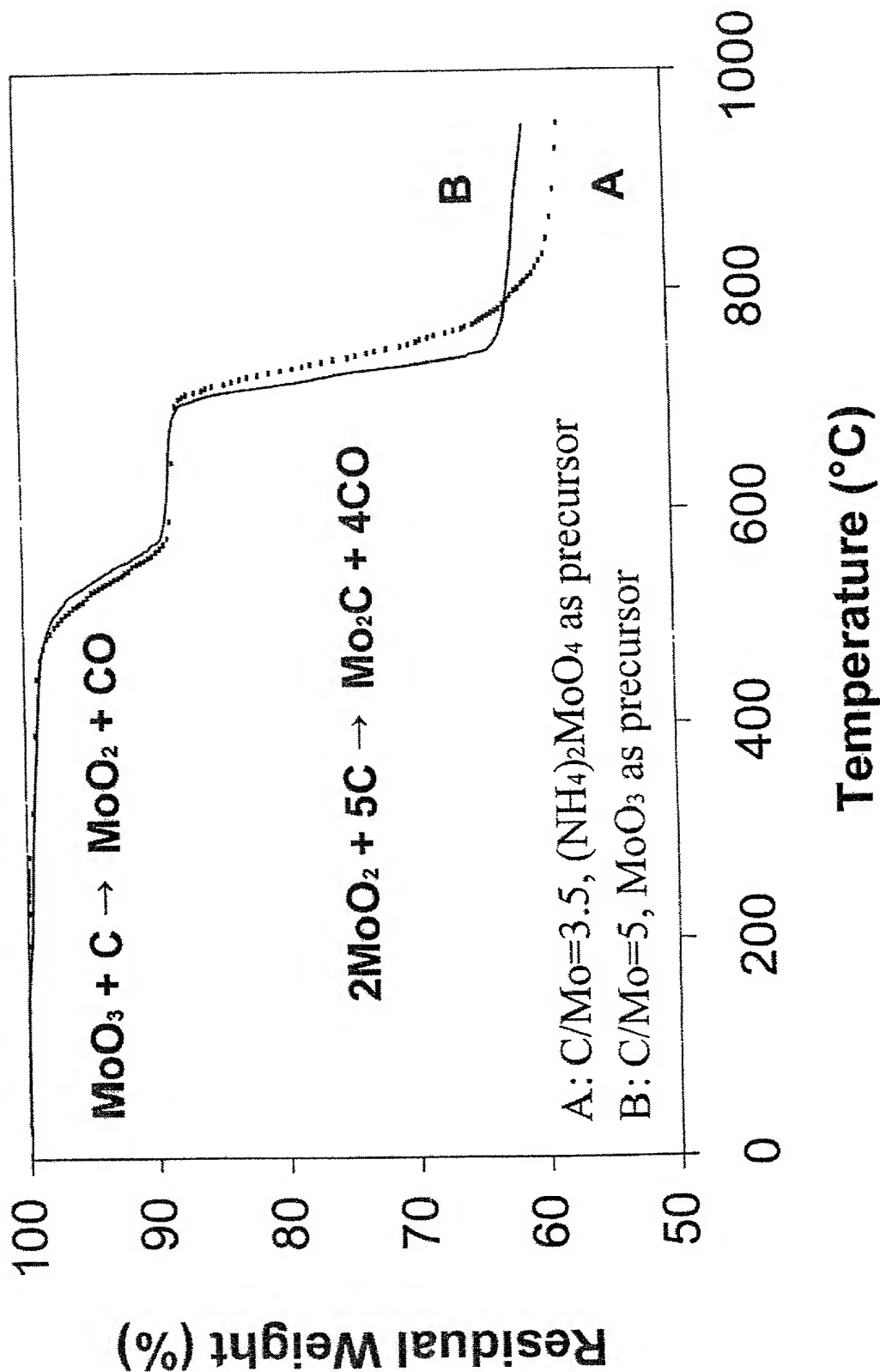


FIG.5A

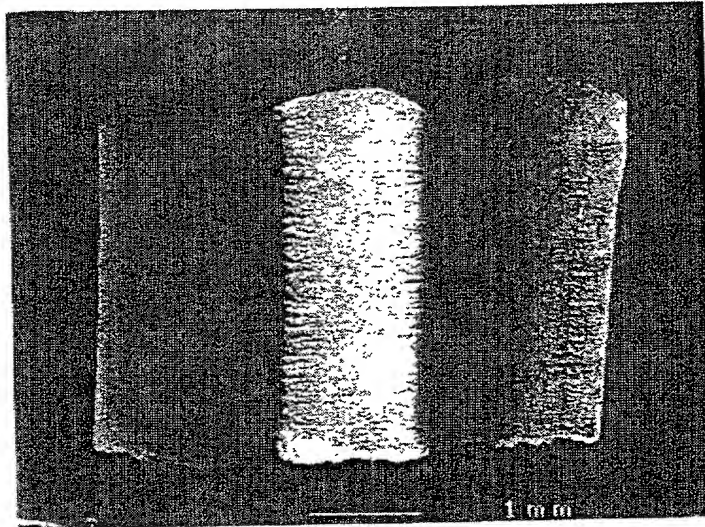


FIG.5B

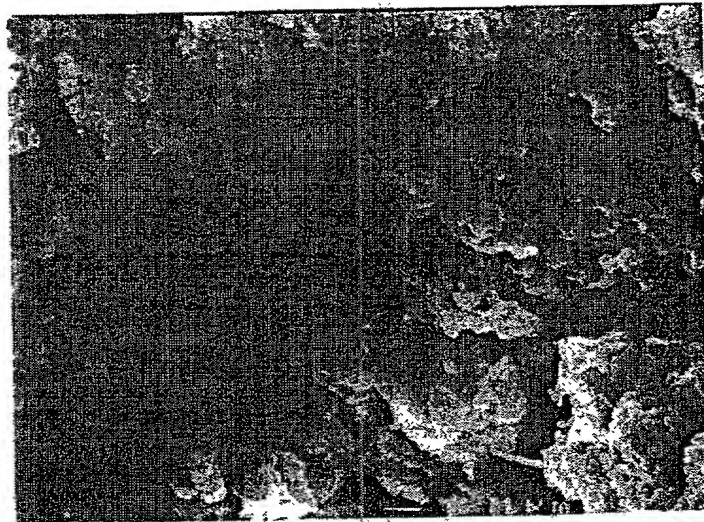
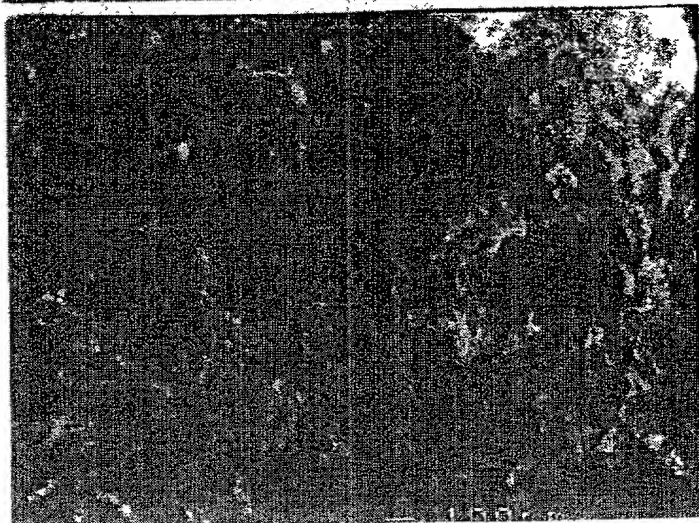


FIG.5C



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